

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

162/540

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**09/446525**

INTERNATIONAL APPLICATION NO.

PCT/JP98/02915

INTERNATIONAL FILING DATE

June 30, 1998

PRIORITY DATE CLAIMED

June 30, 1997

TITLE OF INVENTION

CRYPTOGRAPHIC DEVICE

APPLICANT(S) FOR DO/EO/US

1) Masayuki KANDA, 2) Youichi TAKASHIMA, 3) Katsuhiki AOKI and 4) Tsutomu MATSUMOTO

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. § 371.
3. This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the Annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98 (and 5 references).
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter
16. ☒ Other items or information:

Verified translation of application as filed; nine (9) sheets formal drawings

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>09/446525</b>		INTERNATIONAL APPLICATION NO. PCT/IP98/02915		ATTORNEY'S DOCKET NUMBER 162/540																															
The following fees are submitted:				CALCULATIONS	PTO USE ONLY																														
<p><b>Basic National Fee (37 CFR 1.492(a)(1)-(5)):</b>  Search Report has been prepared by the EPO or JPO <span style="float:right">\$840.00</span>  International preliminary examination fee paid to USPTO (37 CFR 1.482)  <span style="float:right">\$670.00</span>  No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) <span style="float:right">\$760.00</span>  Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO <span style="float:right">\$970.00</span>  International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)  <span style="float:right">\$96.00</span></p>																																			
				<b>ENTER APPROPRIATE BASIC FEE AMOUNT = \$840.00</b>																															
				Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). <span style="float:right">\$0.00</span>																															
				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:20%;">Claims</th> <th style="width:20%;">Number Filed</th> <th style="width:20%;">Number Extra</th> <th style="width:20%;">Rate</th> <th style="width:20%;"></th> <th style="width:20%;"></th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>232-20 =</td> <td>212</td> <td>X \$18.00</td> <td>\$3,816.00</td> <td></td> </tr> <tr> <td>Independent Claims</td> <td>1- 3 =</td> <td>0</td> <td>X \$78.00</td> <td>\$0.00</td> <td></td> </tr> <tr> <td colspan="3">Multiple dependent claim(s)(if applicable)</td> <td>+ \$260.00</td> <td>\$260.00</td> <td></td> </tr> <tr> <td colspan="4"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td><b>\$4,076.00</b></td> <td></td> </tr> </tbody> </table>		Claims	Number Filed	Number Extra	Rate			Total Claims	232-20 =	212	X \$18.00	\$3,816.00		Independent Claims	1- 3 =	0	X \$78.00	\$0.00		Multiple dependent claim(s)(if applicable)			+ \$260.00	\$260.00		<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$4,076.00</b>	
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<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$4,076.00</b>																															
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28) <span style="float:right">\$</span>																																			
<b>SUBTOTAL = \$4,076.00</b>																																			
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). <span style="float:right">\$</span>																																			
<b>TOTAL NATIONAL FEE = \$4,076.00</b>																																			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + <span style="float:right">\$40.00</span>																																			
<b>TOTAL FEES ENCLOSED = \$4,116.00</b>																																			
				Amount to be:																															
				refunded \$																															
				charged \$																															

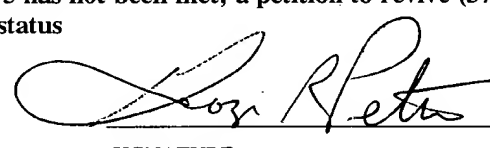
a. A check in the amount of \$4,116 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. **22-0185** in the amount of \$\_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.

c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **22-0185**. A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to pending status**  
**SEND ALL CORRESPONDENCE TO:**

**Pollock, Vande Sande & Amernick, R.L.L.P.**  
1990 M Street, N.W.  
Suite 800  
Washington, DC 20036-3425

  
SIGNATURE  
George R. Pettit  
27,369  
REGISTRATION NUMBER

December 27, 1999

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re International Application of Masayuki Kanda et al.

International Serial No. PCT/JP98/02915

International Filing Date: June 30, 1998

For: "CRYPTOGRAPHIC DEVICE"

VERIFICATION OF TRANSLATION

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Takeshi Ito residing at 12-7, Nakameguro 4-chome, Meguro-ku,  
Tokyo, Japan, declares:

(1) that he knows well both the Japanese and English  
languages;

(2) that he translated the above-identified International  
Application from Japanese to English;

(3) that the attached English translation is a true and  
correct translation of the above-identified International  
Application to the best of his knowledge and belief; and

(4) that all statements made of his own knowledge are true  
and that all statements made on information and belief are  
believed to be true, and further that these statements are made  
with the knowledge that willful false statements and the like  
are punishable by fine or imprisonment, or both, under 18 USC  
1001, and that such false statements may jeopardize the validity  
of the application or any patent issuing thereon.

Dated December 14, 1999

Takeshi Ito

Takeshi Ito

09/446525 1229 662227